

1 ABSTRACT OF THE DISCLOSURE

2 08|876,775

3 A wireless communication system including a repeated
4 pattern of cells, in which base station transmitters and user
5 station transmitters for each cell may be assigned a spread-
6 spectrum code for modulating radio signal communication in that
7 cell. Radio signals used in that cell are spread across a
8 bandwidth sufficiently wide that both base station receivers and
9 user station receivers in an adjacent cell may distinguish
10 communication which originates in one cell from another.
11 Adjacent cells may use distinguishable frequencies and
12 distinguishable codes, but it is sufficient if adjacent cells use
13 distinguishable frequencies and identical codes. A repeated
14 pattern of cells allows the codes each to be reused in a
15 plurality of cells.

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